

10a

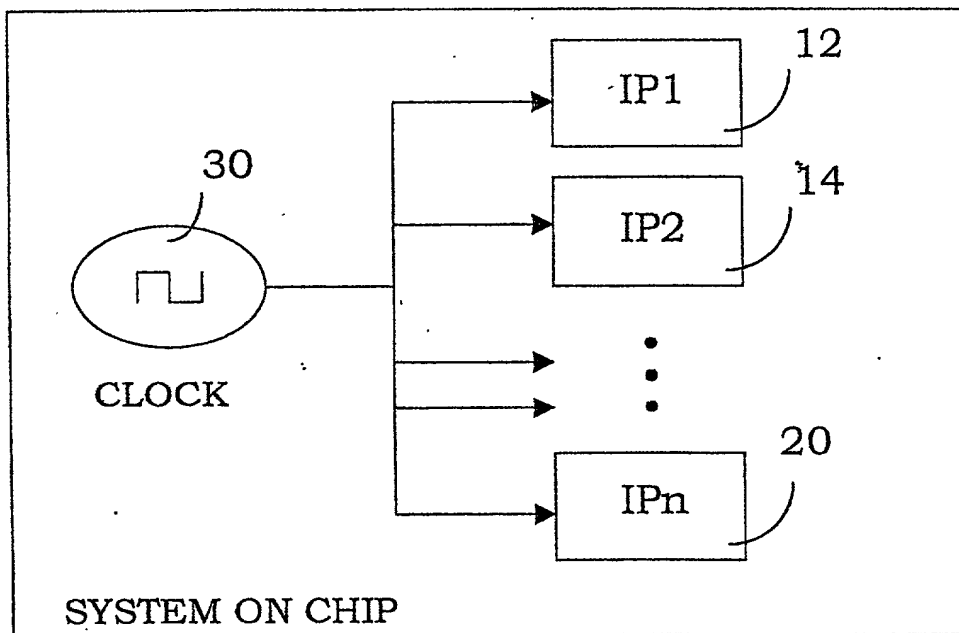


FIG. 1

10b

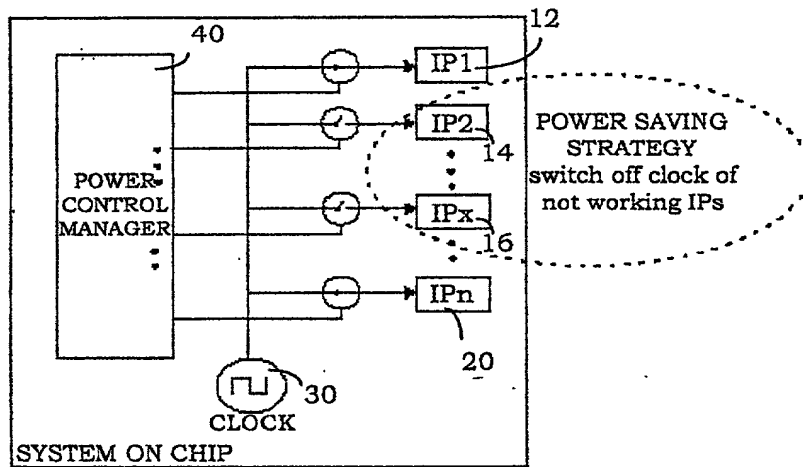


FIG. 2

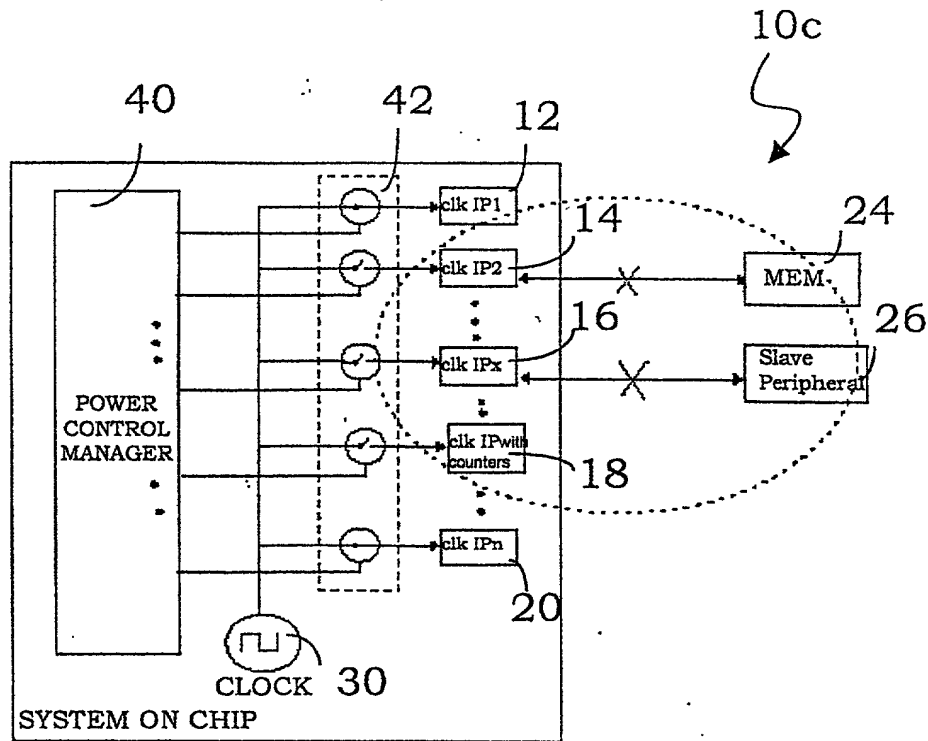


FIG. 3

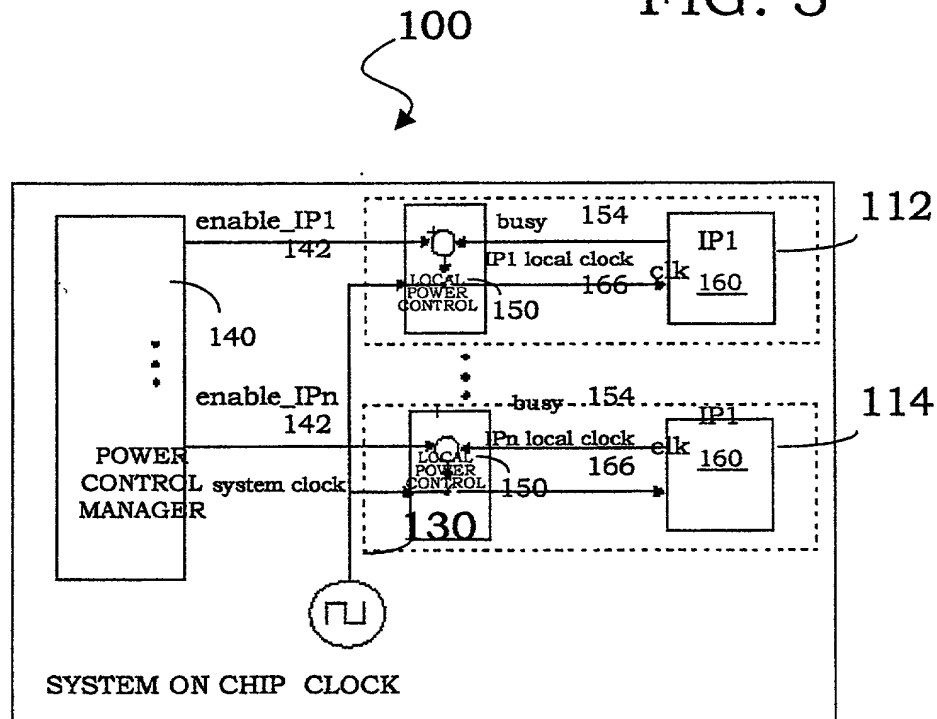


FIG. 4

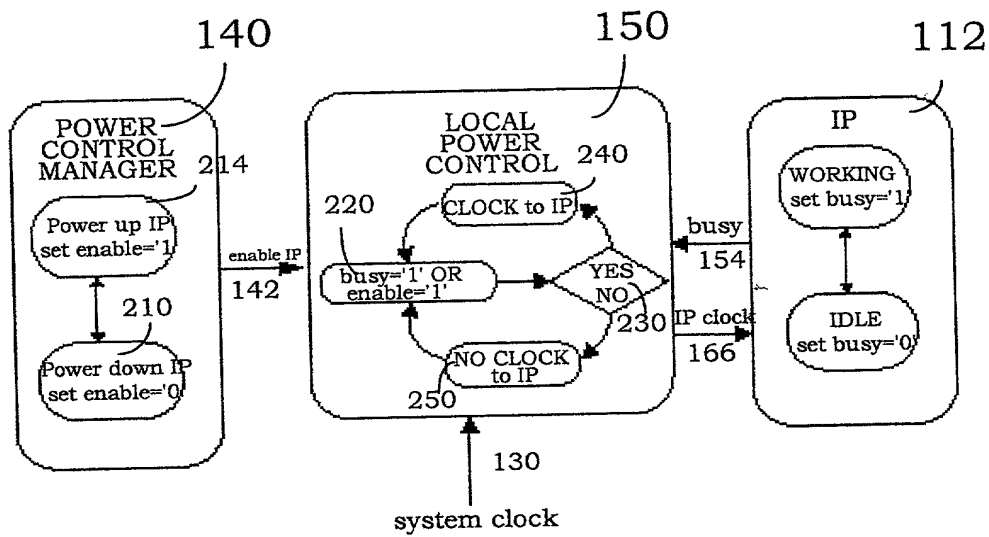


FIG. 5

Entering power down:

Power Down Manager:

```

foreach IP of System
  If 'power up' IP
    set IP enable to '1';
  else
    set IP enable to '0';
end foreach;

```

IP:

```

If 'idle' then:
  set busy to '0';
else:
  set busy to '1';
end if;

```

Local Power Control:

```

If "IP busy='1' or IP enable='1'" then:
  deliver clock to IP;
else:
  stop clock to IP
end if;

```

190

FIG. 6

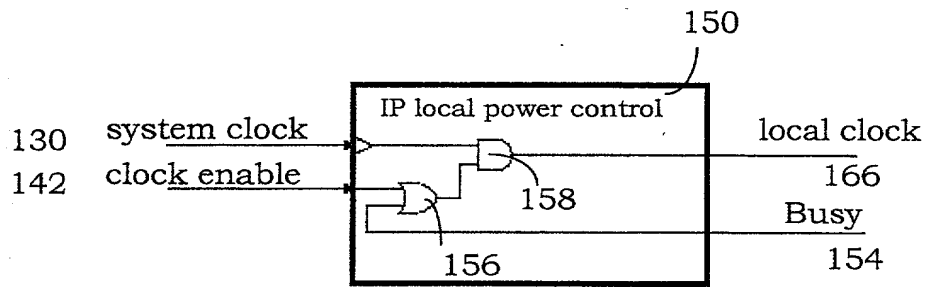


FIG. 7

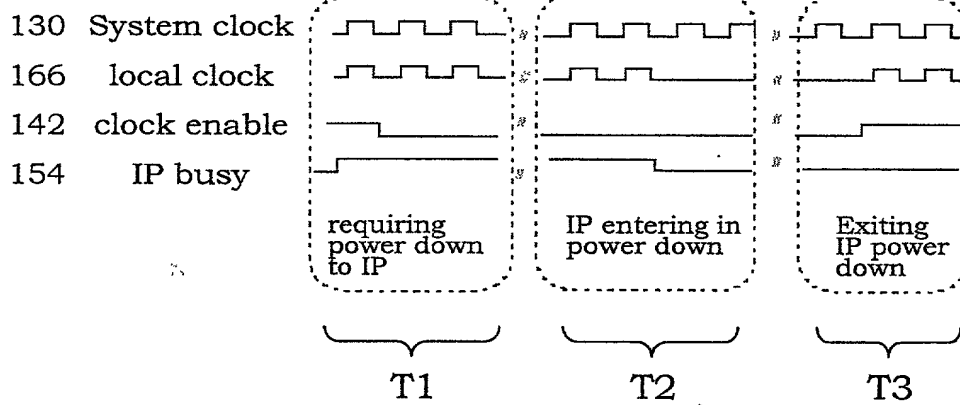


FIG. 8

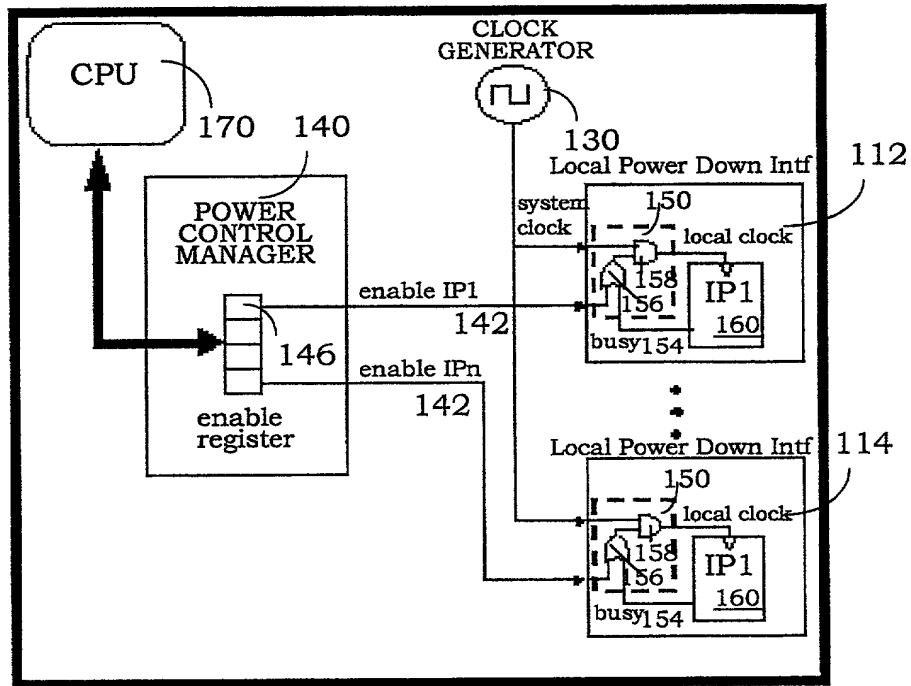


FIG. 9